

# MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

October 2001

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
11	1701	A: NGK* VAL* CLF* HRB MMB EBR SPT* KAK KNY GUI HYB B: BDV* GCK HER	06	0520-0545	KAK+ KNY+
21	1648	A: NUR* NGK* VAL* CLF* HRB* GCK MMB* EBR SPT* KAK KNY HYB B: BDV* GNA HER CNB*	07	1218-1251	BDV
25	0850	A: HYB B: GUI GNA CNB C: CLF EBR SPT si: VAL HRB	15	0928-0952	GUI
28	0319	A: MMB* KAK KNY HYB B: SOD* NUR* NGK* BDV* HRB EBR* SPT* GUI GNA* HER CNB*	19	0054-0155	MMB+ KAK+ KNY+ GNA+ CNB+
31	1348	C: GCK* A: CLF* GUI B: NUR* NGK* HRB* MMB KAK KNY HYB GNA HER CNB C: SOD* BDV* GCK* EBR*	19	0938-0952	BDV+

## REPORTING OBSERVATORIES (up to the 3rd of December 2001):

SOD NUR NGK VAL BDV CLF HRB GCK MMB EBR SPT KAK KNY GUI HYB GNA HER CNB

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The \* means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).